

Converting Colors

YUV(135.6850, 44.5253,
-47.9587)

Have a look what the booklet for
YUV(135.6850, 44.5253, -47.9587)
contains.

YUV(135.6850, 44.5253, -47.9587)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(135.6850, 44.5253,
-47.9587)**

Conversions

Conversions Part 1

Format	Color
Hex	5192E2
RGB	81, 146, 226
RGB Percent	32%, 57%, 89%
CMY	0.6824, 0.4275, 0.1137
CMYK	0.64, 0.35, 0.00, 0.11
HSL	213°, 71%, 60%
HSV	213°, 64%, 89%
XYZ	27.3997, 27.7981, 75.8730
YIQ	135.6850, -64.4200, 11.1000

Conversions

Conversions Part 2

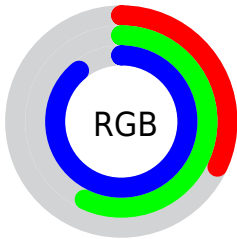
Format	Color
R _Y B	81, 126, 226
Decimal	5346018
CIE Lab	59.71, 3.98, -46.78
CIE LCh	60, 46.954, 274.862
Yxy	27.7981, 0.2090, 0.2121
Android (android.graphics.Color)	4283536098 (0xFF5192E2)
YUV	135.6850, 44.5253, -47.9587
Hunter-Lab	52.7239, 0.4965, -48.4153

Details

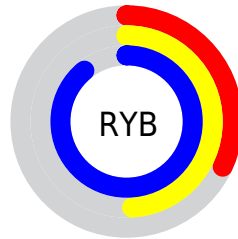
The YUV color **135.6850, 44.5253, -47.9587** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **171.3150, -44.5253, 47.9587**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.9280, 32.5735, -41.1559**, and **75.7320, 46.4741, -66.4170** is the 20% darker color. If you saturate the color by 10%, you get **121.7640, 51.3883, -55.9210**, and if you desaturate by 10%, it is **149.6060, 37.6622, -39.9965**.

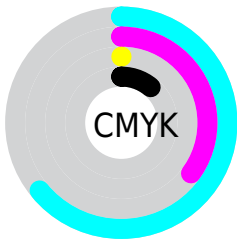
Distribution



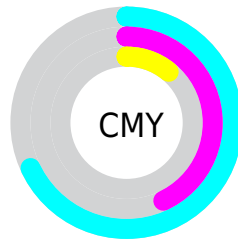
- Red (32%)
- Green (57%)
- Blue (89%)



- Red (32%)
- Yellow (49%)
- Blue (89%)



- Cyan (64%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)



- Cyan (68%)
- Magenta (43%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.6850, 44.5253, -47.9587 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 135.6850, 44.5253, -47.9587 by changing the saturation by 10% instead.

■ 135.6850, 44.5253,
-47.9587

■ 135.6850, 44.5253,
-47.9587

255.0000, 0.0000,
0.0000

■ 107.0540, 44.8364,
-54.4214

■ 188.9280, 32.5735,
-41.1559

■ 75.7320, 46.4741,
-66.4170

■ 214.3340, 20.0483,
-37.1269

■ 59.1530, 41.3366,
-51.8772

■ 239.1530, 7.8126,
-32.5832

■ 43.2750, 36.3464,
-37.9522

■ 248.1230, 3.3904,
-14.1399

■ 28.6850, 31.2143,
-25.1567

■ 10.6870, 28.2553,
-9.3725

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 135.6850, 44.5253,
-47.9587

■ 135.6850, 44.5253,
-47.9587

■ 121.7640, 51.3883,
-55.9210

■ 149.6060, 37.6622,
-39.9965

■ 107.5550, 58.3934,
-62.7537

■ 163.8150, 30.6572,
-33.1638

■ 93.6340, 65.2564,
-70.7160

■ 177.7360, 23.7942,
-25.2015

■ 85.0510, 69.4879,
-74.5897

■ 191.9450, 16.7891,
-18.3688

■ 205.8660, 9.9261,
-10.4065

■ 220.3740, 2.7736,
-2.9590

■ 233.9960, -3.9420,
4.3885

■ 246.4110,
-10.0626, 7.5326

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



117.0110, 49.7876, -102.6186



135.6850, 44.5253, -47.9587



147.1220, 31.9849, 7.7860

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



135.6850, 44.5253, -47.9587



143.6740, -22.0243, 64.3069



124.9330, -8.8410, -57.8232

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



135.6850, 44.5253, -47.9587



171.3150, -44.5253, 47.9587

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



134.5890, -30.3634, -14.5486



135.6850, 44.5253, -47.9587



142.1930, -36.0841, 47.1887

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



135.6850, 44.5253, -47.9587



145.0220, -2.9688, 65.7557



139.2790, -40.0705, 19.0493



113.8410, 17.3334, -99.8386

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



135.6850, 44.5253, -47.9587



147.9530, 21.7152, 35.1212



139.2790, -40.0705, 19.0493



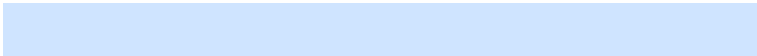
129.4530, -17.4783, -40.7393

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



135.6850, 44.5253, -47.9587



224.7990, 14.8891, -15.6097



175.2350, -7.0179, -82.6441



109.0510, 9.3419, -9.6917



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



135.6850, 44.5253, -47.9587



133.0000, 60.1460, -64.8980



99.6230, 62.3039, -10.1934



105.1890, 3.3578, -3.6738



66.4370, 54.0146, -58.2652



18.3860, 14.5997, -16.1245

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



131.7650, 7.0179, 82.6441



127.6360, 9.5465, 111.6982



207.3770, -62.3039, 10.1934



104.8590, 0.5625, 6.2627



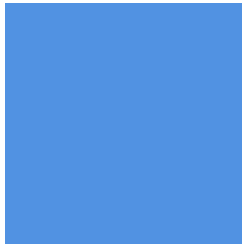
61.6300, 8.5634, 100.3025



16.8600, 2.5340, 27.3098

Previews

White Background



This preview shows how the YUV color 135.6850, 44.5253, -47.9587 looks on a white background.

Color Contrast Check

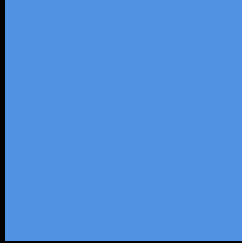
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 135.6850, 44.5253, -47.9587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

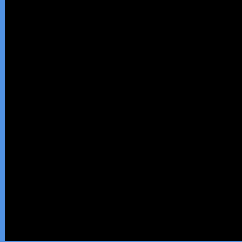
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 135.6850, 44.5253, -47.9587

Background



This preview shows how black text looks on a background with the YUV color 135.6850, 44.5253, -47.9587.



This preview shows how white text looks on a background with the YUV color 135.6850, 44.5253, -47.9587.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

135.6850, 44.5253, -47.9587

Protanopia

141.4600, 39.2132, -24.0824

Deuteranopia

138.5230, 43.6192, -37.2927



Tritanopia

126.4890, 21.4509, -67.0809

Trichromacy



Original Color

135.6850, 44.5253, -47.9587

Protanomaly

139.2740, 41.2769, -32.6893

Deuteranomaly

137.6150, 44.0668, -40.8814

Tritanomaly

129.7100, 29.7230, -60.2587

Monochromacy



Original Color

135.6850, 44.5253, -47.9587

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.1300, 16.2049, -17.6540

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6850, 44.5253, -47.9587 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(81, 146, 226)` looks like.

```
.text, #text, p{  
    color:rgb(81, 146, 226)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(81, 146, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 146, 226) }
```

Border

The CSS property to change the border of an element to YUV 135.6850, 44.5253, -47.9587 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 146, 226) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(81, 146, 226) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(81, 146, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 146, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 146, 226);  
box-shadow:4px 4px 4px 4px rgb(81, 146,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 135.6850, 44.5253, -47.9587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 146, 226) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(81, 146,  
226) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor